



1632

ENTER

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/724,964B

DATE: 04/02/2002

TIME: 08:39:03

Input Set : A:\CIBT-P01-080 Sequence Listing.txt

Output Set: N:\CRF3\04022002\I724964B.raw

```

3 <110> APPLICANT: Crompton, T.
5 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REGULATING LYMPHOCYTE ACTIVITY
7 <130> FILE REFERENCE: CIBT-P01-080
9 <140> CURRENT APPLICATION NUMBER: 09/724,964B
10 <141> CURRENT FILING DATE: 2000-11-28
12 <150> PRIOR APPLICATION NUMBER: 60/168,112
13 <151> PRIOR FILING DATE: 1999-11-30
15 <160> NUMBER OF SEQ ID NOS: 28
17 <170> SOFTWARE: PatentIn Ver. 2.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 1277
21 <212> TYPE: DNA
22 <213> ORGANISM: Gallus gallus
24 <400> SEQUENCE: 1
25 atggtcgaaa tgctgctgtt gacaagaatt ctcttggtgg gcttcatctg cgctctttta 60
26 gtctcctctg ggctgacttg tggaccaggc aggggcattg gaaaaaggag gcaccccaaa 120
27 aagctgaccc cgtagccta taagcagttt attcccaatg tggcagagaa gaccctaggg 180
28 gccagtggaa gatatgaagg gaagatcaca agaaactccg agagatttaa agaactaacc 240
29 ccaaattaca accctgacat tatttttaag gatgaagaga acacgggagc tgacagactg 300
30 atgactcagc gctgcaagga caagctgaat gccctggcga tctcggtgat gaaccagtgg 360
31 cccgggggtga agctgagggt gaccgagggc tgggacgagg atggccatca ctccgaggaa 420
32 tcgctgcaact acgagggtcg cgccgtggac atcaccacgt cggatcggga ccgcagcaag 480
33 tacggaatgc tggcccgccg cgccgtcgag gccggcttcg actgggtcta ctacgagtcc 540
34 aaggcgacaca tccactgctc cgtaaaagca gaaaactcag tggcagcgaa atcaggaggc 600
35 tgcttccctg gctcagccac agtgacactg gagcatggag gcaccaagct ggtgaaggac 660
36 ctgagccctg gggaccgcgt gctggtgctg gacgcggacg gccggtgct ctacagtga 720
37 ttccctcaact tcctcgaccg gatggacagc tcccgaagc tcttctacgt catcgagacg 780
38 cggcagcccc gggcccggtg gctactgacg gcggcccacc tgctctttgt ggccccccag 840
39 cacaaccagt cggaggccac aggggtccacc agtggccagg cgctcttcgc cagcaacgtg 900
40 aagcctggcc aacgtgtcta tgtgctgggc gagggcgggc agcagctgct gccggcgctc 960
41 gtccacagcg tctcattgcg ggaggaggcg tccggagcct acgcccact caccgcccag 1020
42 ggcaccatcc tcatcaaccg ggtgttgccc tctgctacg ccgtcatcga ggagcacagt 1080
43 tgggcccatt gggccttcgc accattccgc ttggtcagg ggtgctggc cgccctctgc 1140
44 ccagatgggg ccattccctac tgcgcacc accaccaact gcatccattg gtactcacgg 1200
45 ctccctctacc gcatcggcag ctgggtgctg gatggtgacg cgctgcatcc gctgggcatg 1260
46 gtggcaccgg ccagctg 1277
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 1190
51 <212> TYPE: DNA
52 <213> ORGANISM: Mus musculus
54 <400> SEQUENCE: 2
55 atggctctgc cggccagtct gttgcccctg tgctgcttgg cactcttggc actatctgcc 60
56 cagagctgcg ggcggggcgg aggaccggtt ggcgggcggc gttatgtgcg caagcaactt 120

```

## RAW SEQUENCE LISTING

DATE: 04/02/2002

PATENT APPLICATION: US/09/724,964B

TIME: 08:39:03

Input Set : A:\CIBT-P01-080 Sequence Listing.txt

Output Set: N:\CRF3\04022002\I724964B.raw

```

57 gtgcctctgc tatacaagca gtttgtgccc agtatgcccg agcggaccct gggcgcgagt 180
58 gggccagcgg aggggagggg aacaaggggg tcggagcgct tccgggacct cgtacccaac 240
59 tacaaccccc acataatctt caaggatgag gagaacagcg gcgcagaccg cctgatgaca 300
60 gagcggttgc aagagcgggt gaacgctcta gccatcgcgg tgatgaacat gtggcccgga 360
61 gtacgcctac gtgtgactga aggctgggac gaggacggcc accacgcaca ggattcactc 420
62 cactacgaag gccgtgcctt ggacatcacc acgtctgacc gtgaccgtaa taagtatggg 480
63 ttgttgggcg gcctagctgt ggaagccgga ttcgactggg tctactacga gtcccgaac 540
64 cacatccacg tatcgggtcaa agctgataac tcaactggcg tccgagccgg aggctgcttt 600
65 ccgggaaatg ccacggtgcg cttgcggagc ggcgaacgga aggggctgag ggaactacat 660
66 cgtggtgact gggtagctgg cgctgatgca gcgggcccag tggtagccac gccagtgtcg 720
67 ctcttcctgg accgggatct gcagcgccgc gcctcgttcg tggctgtgga gaccgagcgg 780
68 cctccgcgca aactgttgct cacaccctgg catctgggtg tcgctgctcg cgggccagcg 840
69 cctgctccag gtgactttgc accggtgttc gcgcgcgct tacgtgctgg cgactcggtg 900
70 ctggctcccg gcggggaagc gctccagccg gcgcgcgtag cccgctggc gcgcgaggaa 960
71 gccgtgggcg tgttcgcacc gctcactgcg cacgggacgc tgcgtgtcaa cgacgtcctc 1020
72 gcctcctgct acgcggttct agagagtcac cagtgggccc accgcgcctt cgcccctttg 1080
73 cggctgctgc acgcgctcgg ggctctgctc cctgggggtg cagtccagcc gactggcatg 1140
74 cattggtact ctgcctcctt ttaccgcttg gccgaggagt taatgggctg 1190
77 <210> SEQ ID NO: 3
78 <211> LENGTH: 1281
79 <212> TYPE: DNA
80 <213> ORGANISM: Mus musculus
82 <400> SEQUENCE: 3
83 atgtctcccg cctggctccg gcccgcactg cggttctgtc tgttcctgct gctgctgctt 60
84 ctggtgccgg cggcgcgggg ctgcgggccc ggccgggtgg tgggcagccg ccggaggccg 120
85 cctcgcaagc tcgtgcctct tgcttacaag cagttcagcc ccaacgtgcc ggagaagacc 180
86 ctgggcgcca gcgggcgcta cgaaggcaag atcgcgcgca gctctgagcg cttcaaagag 240
87 ctacccccca actacaatcc cgacatcate ttcaaggacg aggagaacac gggtgccgac 300
88 cgcctcatga cccagcgctg caaggaccgt ctgaactcac tggccatctc tgtcatgaac 360
89 cagtggcctg gtgtgaaact gcgggtgacc gaaggccggg atgaagatgg ccatcactca 420
90 gaggagtctt tacactatga gggcgcgcg gtggatatca ccacctcaga ccgtgaccga 480
91 aataagtatg gactgctggc gcgcttagca gtggaggccg gcttcgactg ggtgtattac 540
92 gagtccaagg cccacgtgca ttgctctgtc aagtctgagc attcggccgc tgccaagaca 600
93 ggtggctgct ttctgcccgg agcccagggt cgccatagaga acggggagcg tgtggccctg 660
94 tcagctgtaa agccaggaga ccgggtgctg gccatggggg aggatgggac cccaccttc 720
95 agtgatgtgc ttattttcct ggaccgcgag ccaaaccggc tgagagcttt ccaggtcac 780
96 gagactcagg atcctccgcg tcggctggcg ctacgcctg cccacctgct cttcattgcg 840
97 gacaatcata cagaaccagc agcccacttc cgggcccacat ttgccagcca tgtgcaacca 900
98 ggccaatatg tgctggtatc aggggtacca ggccccagc ctgctcgggt ggcagctgtc 960
99 tccacccacg tggcccttgg gtctatgct cctctcaca ggcattgggac acttgtggtg 1020
100 gaggatgtgg tggcctcctg ctttgcagct gtggctgacc accatctggc tcagttggcc 1080
101 ttctggcccc tgcgactgtt tcccagtttg gcatggggca gctggacccc aagtgagggt 1140
102 gttcactcct accctcagat gctctaccgc ctggggcgct tcttgctaga agagagcacc 1200
103 ttccatccac tgggcatgtc tggggcagga agctgaaggg actctaacca ctgccctcct 1260
104 ggaactgctg tgcgtggatc c
107 <210> SEQ ID NO: 4
108 <211> LENGTH: 1313
109 <212> TYPE: DNA
110 <213> ORGANISM: Mus musculus

```

## RAW SEQUENCE LISTING

DATE: 04/02/2002

PATENT APPLICATION: US/09/724,964B

TIME: 08:39:03

Input Set : A:\CIBT-P01-080 Sequence Listing.txt

Output Set: N:\CRF3\04022002\I724964B.raw

112 &lt;400&gt; SEQUENCE: 4

```

113 atgctgctgc tgctggccag atgttttctg gtgataccttg cttcctcgct gctgggtgtgc 60
114 cccgggctgg cctgtgggcc cggcaggggg tttggaaaga ggccggcacc caaaaagctg 120
115 accccttttag cctacaagca gtttattccc aacgtagccg agaagaccct agggggccagc 180
116 ggcagatatg aagggaagat cacaagaaac tccgaacgat ttaaggaact ccccccaat 240
117 tacaaccccg acatcatatt taaggatgag gaaaacacgg gagcagaccg gctgatgact 300
118 cagaggtgca aagacaagtt aaatgccttg gccatctctg tgatgaacca gtggcctgga 360
119 gtgaggctgc gagtgaccga gggctgggat gaggacggcc atcattcaga ggagtctcta 420
120 cactatgagg gtcgagcagt ggacatcacc acgtccgacc gggaccgcag caagtacggc 480
121 atgctggctc gcctggctgt ggaagcaggt ttcgactggg tctactatga atccaaagct 540
122 cacatccact gttctgtgaa agcagagaac tccgtggcgg ccaaatccgg cggctgtttc 600
123 ccgggatccg ccaccgtgca cctggagcag ggccggcacc agctggtgaa ggacttacgt 660
124 cccggagacc gcgtgctggc ggctgacgac cagggccggc tgctgtacag cgacttcctc 720
125 accttcctgg accgcgacga aggcgccaag aaggtcttct acgtgatcga gacgtggag 780
126 ccgcgcgagc gcctgctgct caccgcgcgc cactgctctc tcgtggcgcc gcacaacgac 840
127 tcggggccca cgcgggggcc aagcgcgctc tttgccagcc gcgtgcgccc cgggcagcgc 900
128 gtgtacgtgg tggctgaacg cggcggggac cgcgggctgc tgccgcgcgc ggtgcacagc 960
129 gtgacgtcgc gagaggagga ggcgggcgcg tacgcgcgcg tcacggcgca cggcaccatt 1020
130 ctcacaaacc ggggtctcgc ctgctgctac gctgtcatcg aggagcacag ctgggcacac 1080
131 cgggccttcg cgcctttccg cctggcgcac gcgctgctgg ccgcgctggc accgcgccgc 1140
132 gcggacggcg ggggcggggg cagcatccct gcagcgcaat ctgcaacgga agcgaggggc 1200
133 gcggagccga ctgcgggcat ccactggtac tcgcagctgc tctaccacat tggcacctgg 1260
134 ctgttggaac gcgagaccat gcaccccttg ggaatggcgg tcaagtccag ctg 1313

```

137 &lt;210&gt; SEQ ID NO: 5

138 &lt;211&gt; LENGTH: 1256

139 &lt;212&gt; TYPE: DNA

140 &lt;213&gt; ORGANISM: Brachydanio rerio

142 &lt;400&gt; SEQUENCE: 5

```

143 atgcggcttt tgacgagagt gctgctgggtg tctcttctca ctctgtcctt ggtgggtgtcc 60
144 ggactggcct gcggtcctgg cagaggctac ggcagaagaa gacatccgaa gaagctgaca 120
145 cctctcgctt acaagcagtt cataccta atgtcgcgga agaccttagg ggccagcggc 180
146 agatacgagg gcaagataac gcgcaattcg gagagattta aagaacttac tccaaattac 240
147 aatcccgaca ttatctttta ggatgaggag aacacgggag cggacaggct catgacacag 300
148 agatgcaaag acaagctgaa ctgcctggcc atctctgtaa tgaaccactg gccaggggtt 360
149 aagctgcgtg tgacagaggg ctgggatgag gacggtcacc attttgaaga atcactccac 420
150 tacgagggaa gagctgttga tattaccacc tctgaccgag acaagagcaa atacgggaca 480
151 ctgtctcgcc tagctgtgga ggcgtggatt gactgggtct attacgagtc caaagcccac 540
152 attcattgct ctgtcaaagc agaaaattcg gttgctgcga aatctggggg ctgtttccca 600
153 ggttcggctc tggctcgcct ccaggacgga ggacagaagg ccgtgaagga cctgaacccc 660
154 ggagacaagg tgctggcgcc agacagcgcg ggaaacctgg tgttcagcga cttcatcatg 720
155 ttcacagacc gagactccac gacgcgacgt gtgttttacg tcatagaaac gcaagaaccc 780
156 gttgaaaaga tcacctcac cgcgcgtcac ctctttttg tcctcgaca ctcaacggaa 840
157 gatctccaca ccatgaccgc cgcgtatgcc agcagtgtca gagccggaca aaaggtgatg 900
158 gttgttgatg atagcggtea gcttaaattc gtcactgtgc agcgatata cacggaggag 960
159 cagcggggct cgttcgcacc agtgactgca catgggacca ttgtggtcga cagaatactg 1020
160 gcgtcctgtt acgcgtaaat agaggaccag gggcttgccg atttggcctt cgcgcccgc 1080
161 aggtcttatt attacgtgtc atcattcctg tccccaaaa ctccagcagt cgggtccaatg 1140
162 cgactttaca acaggagggg gtccactggt actccaggct cctgtcatca aatgggaacg 1200
163 tggcttttgg acagcaacat gcttcactct ttggggatgt cagtaaaactc aagctg 1256

```

## RAW SEQUENCE LISTING

DATE: 04/02/2002

PATENT APPLICATION: US/09/724,964B

TIME: 08:39:03

Input Set : A:\CIBT-P01-080 Sequence Listing.txt

Output Set: N:\CRF3\04022002\I724964B.raw

```

166 <210> SEQ ID NO: 6
167 <211> LENGTH: 1425
168 <212> TYPE: DNA
169 <213> ORGANISM: Homo sapiens
171 <220> FEATURE:
172 <221> NAME/KEY: modified_base
173 <222> LOCATION: (1387...1389)
174 <223> OTHER INFORMATION: n=a, c, g, or t
176 <400> SEQUENCE: 6
177 atgctgctgc tggcgagatg tctgctgcta gtccctcgtct cctcgctgct ggtatgctcg 60
178 ggactggcgt gcggaccggg caggggggttc gggaagagga ggcaccccaa aaagctgacc 120
179 ccttttagcct acaagcagtt tatccccaat gtggccgaga agaccctagg cgccagcgga 180
180 aggtatgaag ggaagatctc cagaaactcc gagcgattta aggaactcac cccaattac 240
181 aaccccgaca tcatatttaa ggatgaagaa aacaccggag cggacaggct gatgactcag 300
182 aggtgtaagg acaagttgaa cgctttggcc atctcggtag tgaaccagtg gccaggagtg 360
183 aaactgcggg tgaccgaggg ctgggacgaa gatggccacc actcagagga gtctctgcac 420
184 tacgagggcc gcgcagtgga catcaccacg tctgaccgcg accgcagcaa gtacggcatg 480
185 ctggcccgcc tggcggtgga ggccggcttc gactgggtgt actacgagtc caaggcacat 540
186 atccactgct cggtgaaagc agagaactcg gtggcgggcca aatcgggagg ctgcttcccg 600
187 ggctcgggcca cggtgccact ggagcagggc ggcaccaagc tggggaagga cctgagcccc 660
188 ggggaccgcg tgctggcggc ggacgaccag ggccggctgc tctacagcga ctctctact 720
189 ttcttgacc gcgacgacgg cgccaagaag gtcttctacg tgatcgagac gcgggagccg 780
190 cgcgagcgcc tgctgctcac cgccgcgcac ctgctctttg tggcgccgca caacgactcg 840
191 gccaccgggg agcccagggc gtccctcggc tcggggccgc ctcccggggg cgcactgggg 900
192 cctcgggcgc tgttcgccag ccgcgtgcgc ccgggccaag gcgtgtacgt ggtggccgag 960
193 cgtgacgggg accgcgggct cctgcccgcc gctgtgcaca gcgtgaccct aagcgaggag 1020
194 gccgcggggc cctacgcgcc gctcacggcc cagggcacca ttctcatcaa ccgggtgctg 1080
195 gcctcgtgct acgcgggcat cgaggagcac agctggggcg accgggcctt cgcgcccttc 1140
196 cgcctggcgc acgcgctcct ggctgcaact gcgcccgcgc gcacggaccg cggcggggac 1200
197 agcggcgggc gggaccgcgg gggcgggcgc ggcagagtag ccctaaccgc tccagggtgt 1260
198 gccgacgctc cgggtgcggg ggccaccgcg ggcattccact ggtactcgca gctgctctac 1320
199 caaataggca cctggctcct ggacagcgag gccctgcacc cgtggggcat ggcggtcaag 1380
W--> 200 tccagcnnna gccggggggc cgggggaggg gcgcgggagg ggggc 1425
203 <210> SEQ ID NO: 7
204 <211> LENGTH: 1622
205 <212> TYPE: DNA
206 <213> ORGANISM: Homo sapiens
208 <400> SEQUENCE: 7
209 catcagccca ccaggagacc tcgcccgcgc ctcccccggg ctccccggcc atgtctcccg 60
210 ccgggtcccg gcccgaactg caattctgcc tggctctgtt gctgctgctg gtggtgcccg 120
211 cggcatgggg ctgcggggcc ggctcgggtg tgggcagccg ccggcgaccg ccacgcaaac 180
212 tcgtgccgct cgcctacaag cagttcagcc ccaatgtgcc cgagaagacc ctgggcgcca 240
213 gcggacgcta tgaaggcaag atcgctcgca gctccgagcg cttcaaggag ctcaccccca 300
214 attacaatcc agacatcatc ttcaaggacg aggagaacac aggcgcgcgac cgcctcatga 360
215 ccagcgctg caaggaccgc ctgaactcgc tggctatctc ggtgatgaac cagtggcccg 420
216 gtgtgaagct gcgggtgacc gagggctggg acgaggacgg ccaccactca gaggagtccc 480
217 tgcatatga gggccgcgcg gtggacatca ccacatcaga ccgcgaccgc aataagtatg 540
218 gactgctggc gcgcttggca gtggaggccg gctttgactg ggtgtattac gagtcaaagg 600
219 cccacgtgca ttgctccgct aagtcgcgac actcggccgc agccaagacg ggcggtgct 660

```

## RAW SEQUENCE LISTING

DATE: 04/02/2002

PATENT APPLICATION: US/09/724,964B

TIME: 08:39:03

Input Set : A:\CIBT-P01-080 Sequence Listing.txt

Output Set: N:\CRF3\04022002\I724964B.raw

```

220 tccctgccgg agcccaggta cgcctggaga gtggggcgcg tgtggccttg tcagccgtga 720
221 ggccgggaga ccgtgtgctg gccatggggg aggatgggag cccacacctc agcgatgtgc 780
222 tcattttcct ggaccgagag cccacaggc tgagagcctt ccaggtcacg gagactcagg 840
223 accccccacg ccgcctggca ctcacaccg ctacacctgt ctttacggct gacaatcaca 900
224 cggagccggc agcccgcttc cgggccacat ttgccagcca cgtgcagcct ggccagtacg 960
225 tgcctggtggc tggggtgcca ggctgcagc ctgcccgcgt ggcagctgtc tctacacacg 1020
226 tggccctcgg ggctacgcc ccgtcacaa agcatgggac actggtggtg gaggatgtgg 1080
227 tggcatcctg cttcgcggcc gtggtgacc accacctggc tcagttggcc ttctggcccc 1140
228 tgagactctt tcacagcttg gcatggggca gctggacccc gggggagggt gtgcattggt 1200
229 acccccagct gctctaccgc ctggggcgct tctgtctaga agagggcagc ttccaccac 1260
230 tgggcatgtc cggggcaggg agctgaaagg actccaccgc tgcctcctg gaactgctgt 1320
231 actgggtcca gaagcctctc agccaggagg gagctggccc tgggaaggac ctgagctggg 1380
232 ggacactggc tcctgccatc tcctctgcca tgaagataca ccattgagac ttgactgggc 1440
233 aacaccagcg tccccacccc gcgtcggtgt gtagtcatag agctgcaagc tgagctggcg 1500
234 aggggatggt tgttgacccc tctctcctag agaccttgag gctggcacgg cgactcccaa 1560
235 ctcagcctgc tctcactacg agttttcata ctctgcctcc cccattggga gggccattc 1620
236 cc 1622

```

239 &lt;210&gt; SEQ ID NO: 8

240 &lt;211&gt; LENGTH: 1191

241 &lt;212&gt; TYPE: DNA

242 &lt;213&gt; ORGANISM: Homo sapiens

244 &lt;400&gt; SEQUENCE: 8

```

245 atggtctctc tgaccaatct actgcccttg tgcctgcttg cacttctggc gctgccagcc 60
246 cagagctgcg ggccggggcg gggggcggtt ggccggcgcc gctatgcgcg caagcagctc 120
247 gtgccgctac tctacaagca atttgtgccc ggcgtgccag agcggaccct gggcgccagt 180
248 gggccagcgg aggggagggt ggcaaggggc tccgagcgct tccgggacct cgtgcccac 240
249 tacaacccc acatcatctt caaggatgag gagaacagtg gagccgaccg cctgatgacc 300
250 gagcgttgca aggagagggt gaacgctttg gccattgccg tgatgaacat gtggcccggg 360
251 gtgcgcctac gagtgactga gggctgggac gaggacggcc accacgctca ggattcactc 420
252 cactacgaag gccgtgcttt ggacatcact acgtctgacc gcgaccgcaa caagtatggg 480
253 ttgctggcgc gcctcgagc ggaagccggc ttcgactggg tctactacga gtcccgcac 540
254 cacgtccacg tgcgtgcaa agctgataac tcaactggcg tccggggcgg cggctgcttt 600
255 ccgggaaatg caactgtgcg cctgtggagc ggcgagcggg aagggtgcg ggaactgcac 660
256 cgcggagact gggttttggc ggccgatgcg tcaggccggg tgggtgcccac gccggtgctg 720
257 ctcttccttg accgggactt gcagcgccgg gcttcatctt tggctgtgga gaccgagtgg 780
258 cctccacgca aactgttgct cagccctgg cactggtgt ttgcgcctc agggccggcg 840
259 cccgcgccag gcgactttgc accggtgttc gcgcgccggc tacgcgctgg ggactcgggtg 900
260 ctggcgcccg gcggggatgc gcttcggcca gcgcgcgtgg cccgtgtggc gcgggaggaa 960
261 gccgtgggcg tgttcgcgcc gctcaccgcg caggggacgc tgcctggtga cgatgtcctg 1020
262 gcctcttgct acgcggttct ggagagtcac cagtgggcgc accgcgcttt tgcccccttg 1080
263 agactgctgc acgcgctagg ggcgtgctc cccggcgggg ccgtccagcc gactggcatg 1140
264 cattggtact ctgcgctcct ctaccgctta gcggaggagc tactgggctg a 1191

```

267 &lt;210&gt; SEQ ID NO: 9

268 &lt;211&gt; LENGTH: 1251

269 &lt;212&gt; TYPE: DNA

270 &lt;213&gt; ORGANISM: Brachydanio rerio

272 &lt;400&gt; SEQUENCE: 9

```

273 atggacgtaa ggctgcattt gaagcaattt gctttactgt gttttatcag cttgcttctg 60
274 acgccttggt gattagcctg tggctcctgg agaggttatg gaaaacgaag acacccaaag 120

```

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

## VERIFICATION SUMMARY

DATE: 04/02/2002

PATENT APPLICATION: US/09/724,964B

TIME: 08:39:04

Input Set : A:\CIBT-P01-080 Sequence Listing.txt

Output Set: N:\CRF3\04022002\I724964B.raw

L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:1458 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:1464 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:1473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:1476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:1482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:1491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:1494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:1497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:1737 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:1740 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:1743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:1746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:1749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:1752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:1755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:1758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:1761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:1764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:1767 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22